ASC

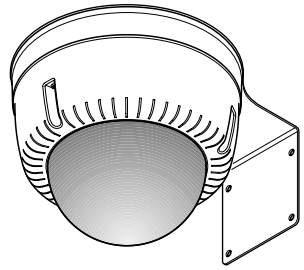
屋内・軒下ドームハウジング

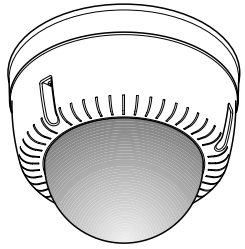
取扱説明書

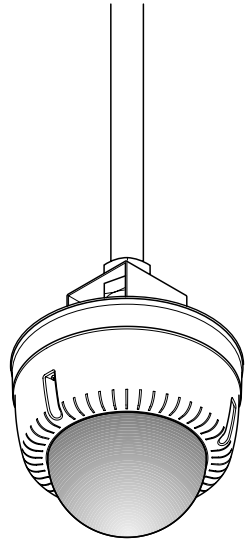
Product Instructions for

Indoor & Under Canopy Housing

A-SWD5







ご使用になる前に、正しく安全にお使い頂くため、
この取扱説明書を必ずお読みください。
そのあと大切に保管し、必要なときにお読みください。

Please read this instruction manual carefully to ensure that you use the Product correctly and safely Read the "⚠ Safe Use of Equipment" Page 1 – 2.

修理及び機器に関するお問い合わせ先
Service and Technical Support

製造元／ Manufacture

ASC

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安全のために必ずお守りください。

⚠ Safe Use of Equipment

⚠ 警告 WARNING

カバーの保護シール

保護シールは据付け工事完了後、カバーを閉めて最後に
はがしてください。指紋がつきますと映像に影響します。

Protective Film

Do not remove protective film until product is installed.
(Finger print causes distortion of picture)

警 告

雨天の日の施工は行わないでください。感電の危険や、カバーの曇りの原因になります。

WARNING

To reduce a risk of electric shock, do not expose inside of this unit rain or moisture.
Installation on a rainy day may also cause fog around capsule.

施 工

据付工事は、販売店または専門の工事店が実施してください。
間違った工事は故障や事故の原因になります。

Installation

Installation shall be done by qualified installer only and should conform to all local codes.

取付の強度を確保する

カメラハウジングは強度が十分にあると認められる壁面及びボールに確実に取付けてください。
3分（3/8"）のステンレスボルト4本で確実に固定してください。

Ensuring strength of supporting Dome Housing Unit

The unit must be properly and securely mounted to a supporting structure capable of sustaining the weight of the unit. Use 3/8" stainless screws x four (4).

機器の改造の禁止

製品の内部を分解したり、改造や追加工をしないでください。
機器の破損や落下、浸水、火災、感電の原因になります。

Prohibit changes or modifications of equipment

You are cautioned that any changes or modifications not expressly approved in this instructions could void your authority to operate this equipment.

入力電源に関する注意

日本国内においてのみ AC100V タイプのファンヒーター回路が使用できます。
ヒーター動作時には 44W 消費いたしますので、それに適したケーブルと電源の施工が必要です。
電源回路にはブレーカーやヒューズ、接地などの保護対策をしてください。保護対策をしないと火災、感電の原因になります。
AC24V の電源をご使用になる場合は PSE マーク付のものをご使用ください。
ヒーターは 1 個で 25W、また寒冷地用として 2 個の場合は 50W 消費しますのでカメラとの合計でそれに適したケーブルと電源ユニットの選定が必要になります。

CAUTION for Power Supply

CAUTION for U.S.A. and Canada
Use 24VAC a Class 2 Power supply which is UL Listed (in the U.S.A.) or CSA-certified (in Canada)

CAUTION for other countries
Use 24VAC Power supply isolated from 100 to 240VAC, which meets requirements for SELV (Safety Extra Low Voltage) and complies with Limited Power Source according to IEC 60950.

基本使用環境

本製品は屋内か雨の直接かからない軒下での設置が条件となります。
屋外で雨が直接あたる場所での設置はできません。
雨が直接かからない軒下での設置の場合には、零下になるような地域ではオプションのヒーターユニットを装着しないとドームカバーが凍結したり、カメラが正常に動作しない恐れがありますので注意が必要です。（オプションのヒーター装着時－20℃～+40℃通常の軒下）
また 40℃以上、湿度 90%以上を越える屋内での設置はできません。

Basic Operating Environment Condition

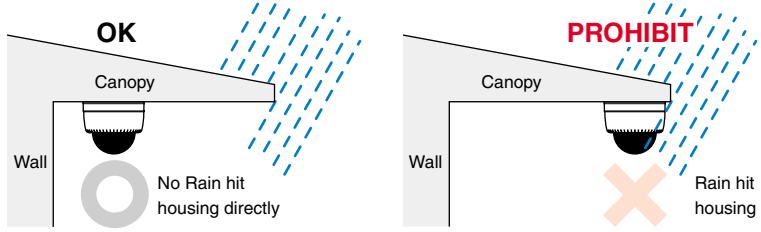
This products is for "INDOOR" or "UNDER CANOPY" use only.
Do not install this in "OUT DOOR" or even "UNDER CANOPY WHCH CAN BE HIT BY RAIN DIRECTLY".
In case of "UNDER CANOPY" installation, you are recommended to use optional 24VAC Blower and Heater in order to avoid freeze of capsule and camera.
(Operating temperarure: (–20°C(–4°F)～+40°C(+104°C) under normal under canopy by using optional 24VAC blower and Heater.)
We are unable to warrant the products which are installed indoor and exposed to constant high temperature over +40°C (+104°F) and over 90% humidity. Operating temperature and humidity of camera varies from camera to camera. You are requested to confirm camera specification with camera manufacturer and housing specification with us in advance.

軒下設置可能条件

天井との設置面及びケーブルの入り口付近にシリコンを塗布して水がハウジング内に入るのを防いでください。シリコン等液状のシーリング材をご使用ください。

Conditions for Under Canopy Installation

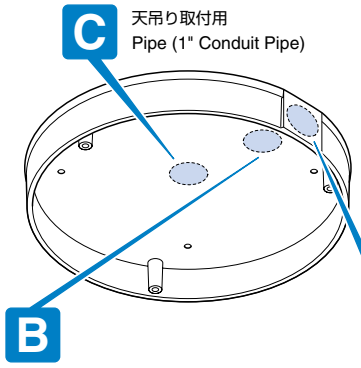
Use Silicoon on the suface of housing and around gate area to prevant entry of water.
Use liquid sealing material.



1 ケーブルを通す穴を開ける
Make Hole for Cables by using Drill

ケーブルを通す穴をホールソーやリーマーを使用して適宜開けます。(出荷時穴は開いていません。)
下記の標準的な 3 点につきましては、ドリルの刃先を当てる " ガイド " （へこみ）があります。

Make an adequate hole for cables by using drill ! (Cable hole is not open.)
There is "Guide"(Sink) for the standard 3 holes like below.



C 天吊り取付用 Pipe (1" Conduit Pipe)

B 天井面取付用 Ceiling
壁面取付用 Wall
天吊り取付用 Pipe (Optional Pipe Mount)

A 天井面取付用 Ceiling
壁面取付用 Wall

警告

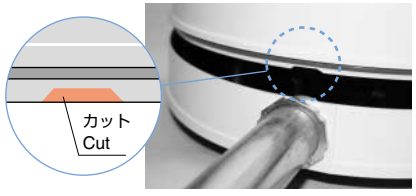
雨の直接かかる軒下での設置はできません。

WARNING

You cannot insrall this product in "OUTDOOR" or "UNDER CANOPY WHICH CAN BE HIT BY RAIN DIRECTLY"

付属のブッシング使用の場合は 21 mmの穴を開けます。ナットはニッパでカットします。
Make dia 21mm(0.8") Hole for bushing provided.
Cut Hex Nut with Nippers like photo.

25 mmパイプを側面からの場合 ニッパで 2mm 程カット
Cut 2mm(0.078") when you stall 1" Pipe from side.



2A ハウジングの取付（屋内／軒下）
Installation of Housing (Indoor / Under Canopy)

A-SWD5

注意

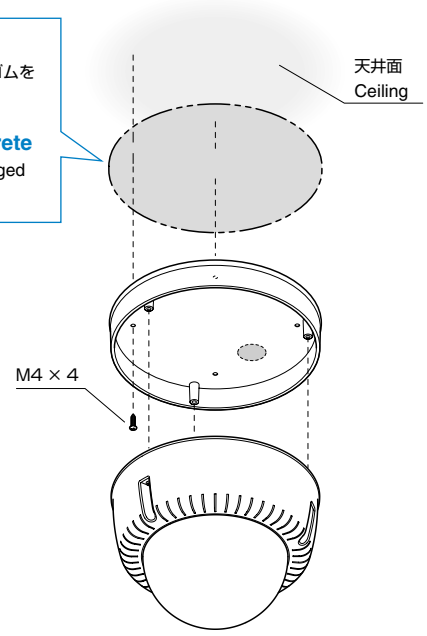
強度が十分にあると認められる天井面に 4 本の M4 ビスでハウジングを取り付けてください。

WARNING

The unit must be properly and securely mounted to a supporting structure of sustaining the weight of unit. Use four M4(or 10-32") stainless screws to install this product. (Screws are not provided.)

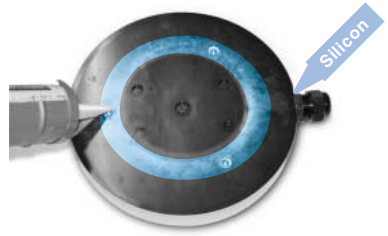
コンクリートへの取付
表面がコンクリートで凸凹している場合には付属の丸ゴムを使用します。

Installation on rugged surface of Concrete
Use rubber Provided when surface of ceiling is rugged like concrete.

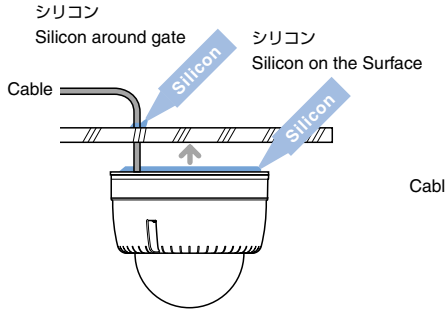


天井との設置面及びケーブルの入り口付近にシリコンを塗布して水がハウジング内部に入るのを防いで下さい。
シリコン等の液状のシーリング材をご使用下さい。
(付属の丸ゴムでは防水は不十分です。)

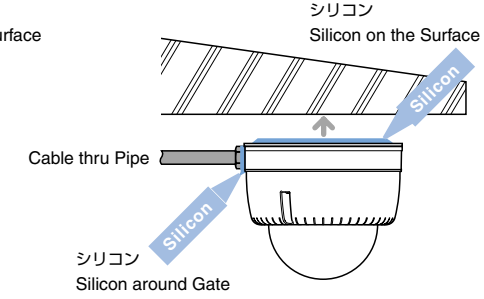
Use Silicon on surface of housing and around gate area to prevent entry of water.
Use liquid sealing material.
(Caution: Rubber provided is not good enough.)



Installation Example 1

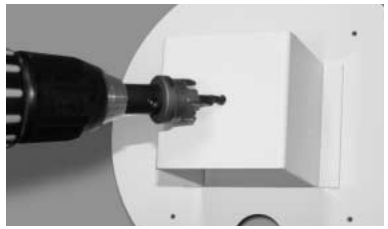


Installation Example 2

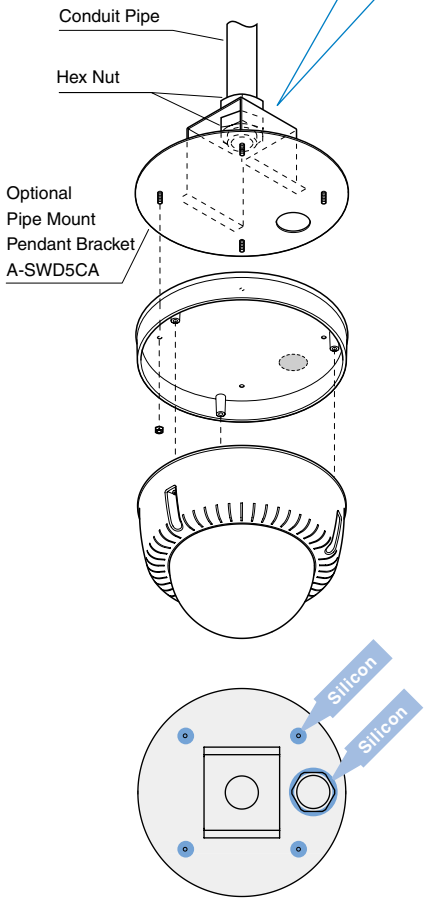


2B ハウジングの取付（天吊り／軒下） A-SWD5CA (Optional)
Installation of Housing (Pipe Pendant Mount)

軒下用
Under Canopy



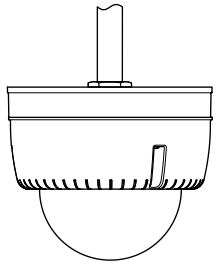
パイプの径に応じて適宜穴を開けて固定します。
Make an adequate diameter holes Conduit Pipe/Hex Nuts.

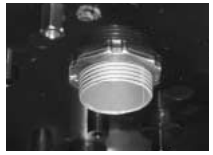


屋内用
Indoor

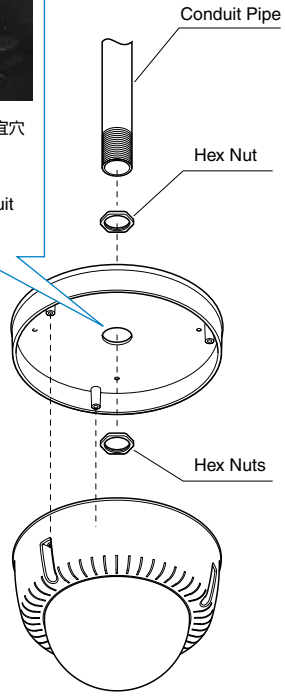
屋内 25mm パイプ天吊
（軒下の場合は強風に耐える A-SWD5CA 金具使用のこと）

1" Pipe Pendant Mount "Indoor Use Only"
(Use A-SWD5CA bracket for Under Canopy Use against gusty wind.)





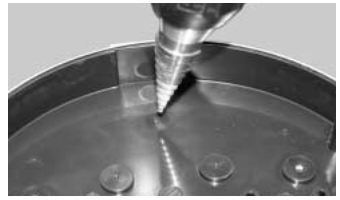
パイプの径に応じて適宜穴を開けて固定します。
Make an adequate diameter holes Conduit Pipe/Hex Nuts.

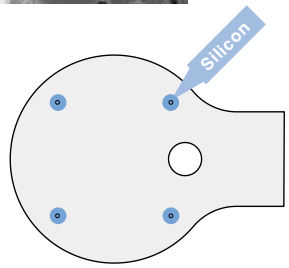


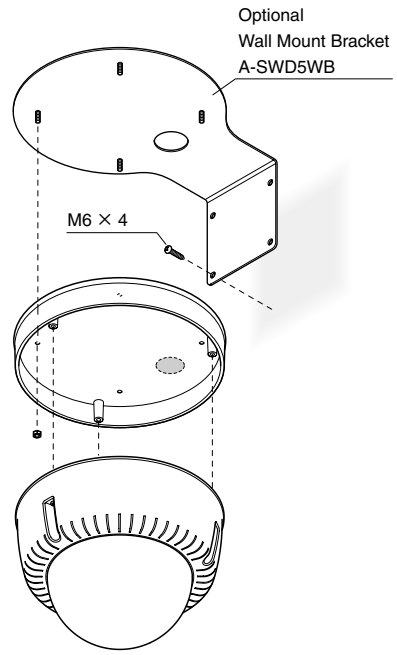
2C ハウジングの取付（壁面） A-SWD5WB (Optional)
Installation of Housing (Wall Mount)

通常、金具上部の丸穴からケーブルを入れる場合は " ガイド " （へこみ）にドリルの先を当てて開口します。
M6 のビス 4 本で壁面に確実に固定します。

Usually use hole of this wall bracket.
There is guide (Sink) for making holes.
Use four M6(or 1/4"-20) screws to install wall bracket.





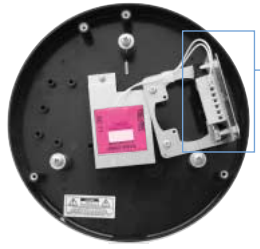


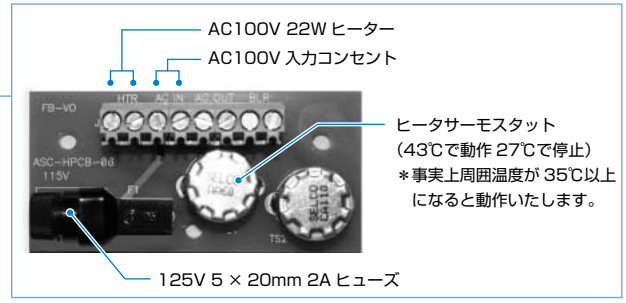
3A 配線方法　AC100V タイプ
100VAC Power Supply in Japan

AC100V ケーブル（推奨 VCTF1.25mm^2 × 2 芯または VCTF2mm^2 × 2 芯）を下図のように接続します。
ケーブルはより線（VVF 等単芯ではなく）のタイプで最大断面積 2mm^2 が条件となります。

注意

電源回路にはブレーカーやヒューズ、接地などの保護対策をしてください。
保護対策をしないと火災・感電の原因になります。
AC100V タイプにはファンは装着できません。
ケーブルが 25 mmパイプマウントで中心から入る場合はヒーターを付属の M4 タッピングビスで移動してください。





3B 配線方法　AC24V タイプ（オプション）
Optional 24VAC Blower & Heater

Optional A-PS2412
24VAC-12VDC
Power Converter
for camera

Optional 24VAC
Blower & Heater

注意
CAUTION

ケーブルが 25mmパイプマウントで中心から入る場合はヒーター位置を付属の M4 タッピングビスで移動してください。

Move Heater when you use 1" Conduit Pipe by using M4 tapping screws provided.

AC24V の電源をご使用になる場合は PSE マーク付のものをご使用ください。
ヒーターは 25W（1.1A）消費しますのでカメラの消費電力との合計でそれに適したケーブルと電源ユニットの選定が必要になります。

CAUTION for U.S.A. and Canada

Use 24VAC class 2 power supply which is UL Listed (in the U.S.A.) or CSA-certification (in Canada).

CAUTION for other countries

Use 24VAC Power Supply isolated from 100 to 240VAC which meets requirements for SELV (Safety Extra Low Voltage) and complies with Limited Power Source according to IEC 60950.

Note: Total power consumption for Heater & Blower + Camera need to be added.

Example: Camera Power: 15W
Blower 0.5W
Heater 25W
Total = 40.5W

Required Power: 50VA (Or you can prepare two separate 24VAC power source for camera and Heater & Blower.)

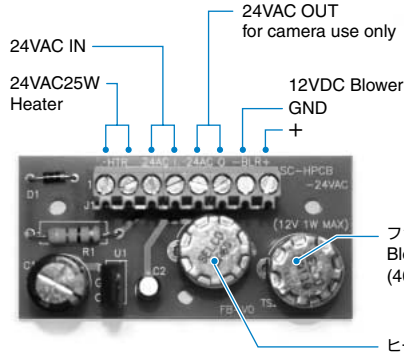
AC24V の適合電線
24V AC Wiring Distances

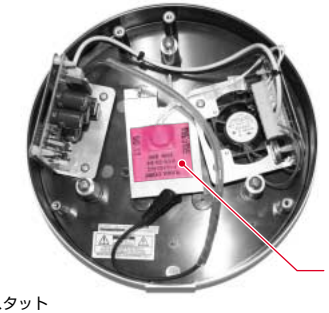
The right diagram are the recommended maximum distances for 24 VAC with a 10% voltage drop (10% is generally the maximum allowable voltage drop for AC powered devices).

Wire Gauge

Total vA consumed	22	20	18	16	14	12	10
5.5	250	400	600	960	–	–	–
10	120	180	300	480	800	1300	–
20	89	141	225	358	571	905	1440
30	65	90	130	225	350	525	830
40	44	70	112	179	285	452	720
50	35	56	90	143	228	362	576
60	29	47	75	119	190	301	480
70	25	40	64	102	163	258	411
80	21	34	55	85	140	215	340

Maximum distances from transformer to load





注意
CAUTION

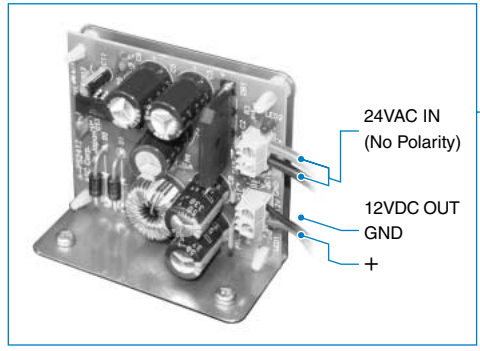
ケーブルはなるべくヒーター（上記写真の赤色部分）に触れないこと。
（外皮の弱いケーブルが熱により破損し、漏電の危険性あり）

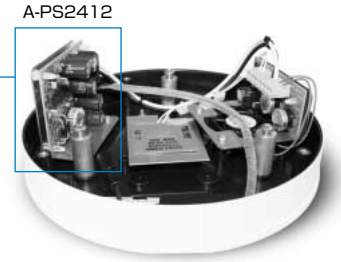
Keep cables away from Heater (Red Color) to prevent damage of it due to heat.
Usually heater will be installed in front of window.

4 AC24V－DC12V コンバーター A-PS2412（オプション）
Optional 24VAC-12VDC Converter A-PS2412 for Camera

AC24V を DC12V に変換しカメラへ最大 2.5A の電源を供給いたします。
ハウジングの AC24V 出力端子を本機の AC24V に入力につなぎます。（入出力の有無は LED にて表示）

Connect "24VAC Output" to "24AC Input" of this unit.
(You can diagnose 24VAC Input and 12VDC Output by LED lamp.)
Input Voltage: 24VAC +10% (Excessive voltage over 10% may damage this unit.)
Output : 12VDC Max. 2.5amp

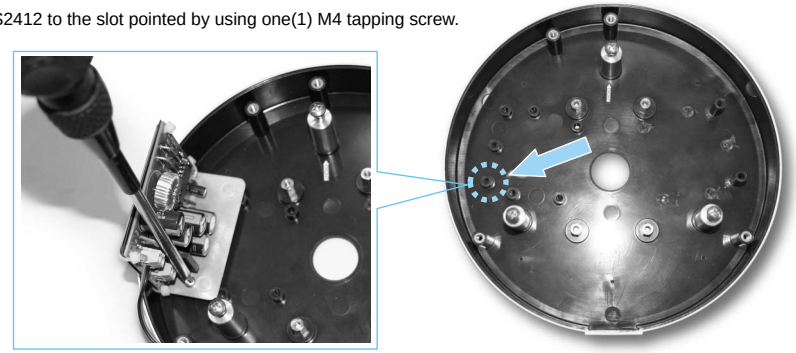




A-PS2412 の取付方法
How to install A-PS2412

矢印の位置に 1 本のM 4 タッピングビスで取り付けます。

Install A-PS2412 to the slot pointed by using one(1) M4 tapping screw.



5 カメラの取付 Installation of Camera

カメラの取付に関しては追加説明書をご参考に収納してください。
内部の取付金具はカメラの機種により異なります。
＊通常カメラに付属する AC アダプターは収納できません。

See appendix instruction for installation of camera.
Camera bracket varies from camera to camera.

6 防水等級 IPX4 または IP66 の選択 Vent Hole "Open" or "Close" (IPX4 or IP66 Selectable)

本機は出荷時、カバーの周りの通気孔を開いて外気とフィルターを通して通気しております。(IPX4)
これはカバーの曇りと内部温度の上昇を抑制することを目的としております。
しかし、海岸に極端に近い場合、湿度が極端に高い場所および寒冷地では通気孔を塞ぎ密閉する必要があります。(IP66)
(カバーの乾燥及びデフロスト効果の点よりファンを強制にする方がこのような環境では通常良いでしょう)

Vent hole are open for outside through sponge filter in order to avoid fog (IPX4).
You had better close these vent holes by silicon or rubber when you install it in coastal area and any other extremely humid area (Usually continuous blower is recommended.)
Peel off sponge Filter Seal vent holes by using silicon or rubber.

IMPORTANT SAFEGUARDS

1. **Read Instructions** - All the safety and operating instructions should be read the unit is operated.
2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** - All warnings on the unit and in the operating instructions should be adhered to.
4. **Follow Instructions** - All operating and user instructions should be followed.
5. **Electrical Connections** - Only a qualified electrician should make electrical connections.
6. **Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. **Cable Runs** - All cable runs must be within permissible distance.
8. **Mounting** - This unit must be properly and securely mounted to a supporting structure capable of sustaining the weight of the unit . Accordingly:

   a. The installation should be made by a qualified installer.
   b. The installation should be in compliance with local codes.
   c. Care should be exercised to select suitable hardware to install the unit, taking into account both the composition of the mounting surface and the weight of the unit. Be sure to periodically examine the unit and the supporting structure to make sure that the integrity of the installation is intact. Failure to comply with the foregoing could result in the unit separating from the support structure and falling, with resultant damages or injury to anyone or anything struck by the falling unit.

LIMITED WARRANTY IN U.S.A.

ASC-USA, INC. warrants that products sold hereunder shall be free from defects in materials or workmanship for a period ONE (1) YEAR from the date of purchase by the original end-user customer (the "Warranty Period").
ASC-USA, INC. makes no other warranty of any kind with respect to this products, whether expressed or implied, including without limitation, the implied warranty of fitness for a particular purpose.

In the event of a breach of the above warranty, ASC-USA, INC. shall its option, repair or replace said products, or refund the purchase price paid therefor.
This is the exclusive remedy and ASC-USA, INC.'s sole obligation with respect to the above warranty.
In no event shall ASC-USA, INC. be liable for any incidental or consequential damages, as defined in section 2-275 of the Uniform Commercial Code for a breach of this warranty.

ASC-USA, INC. shall repair or replace defective products upon shipment of products prepaid to ASC-USA, INC. 5975 Shiloh Road, Suite 103, Alpharetta, GA 30005.

Repairs made by necessary by reason of accident, misuse or normal wear shall be charged at ASC-USA, INC.'s standard rate. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SAFETY PRECAUTIONS

CAUTION
RISK OF ELECTRIC SHOCK!

CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT EXPOSE COMPONENTS TO WATER OR MOISTURE.

The lightning flash with an arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of non- insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

UNPACKING

Unpack carefully. Electric components can be damaged if improperly handled or dropped. If an appears to have been damaged in shipment, replace it property in its carton and notify the shipper.

Be sure to save:
1. The shipping carton and packaging material. They are the safest material in which to make future shipments of the equipment.
2. These installation and Operating Instructions.

SERVICE

If the product need repair service, the customer should contact ASC-USA, INC. for authorization top return and shipping instructions.

TECHNICAL SUPPORT

If technical support is needed, please contact:

ASC-USA, INC.
5975 Shiloh Road, Suite 103, Alpharetta, GA 30005
Tel 770-888-4674 · 1-888-988-4674
Fax 770-888-4675
URL : http://www.kk-asc.com

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